

FIG. 1
(Prior Art)

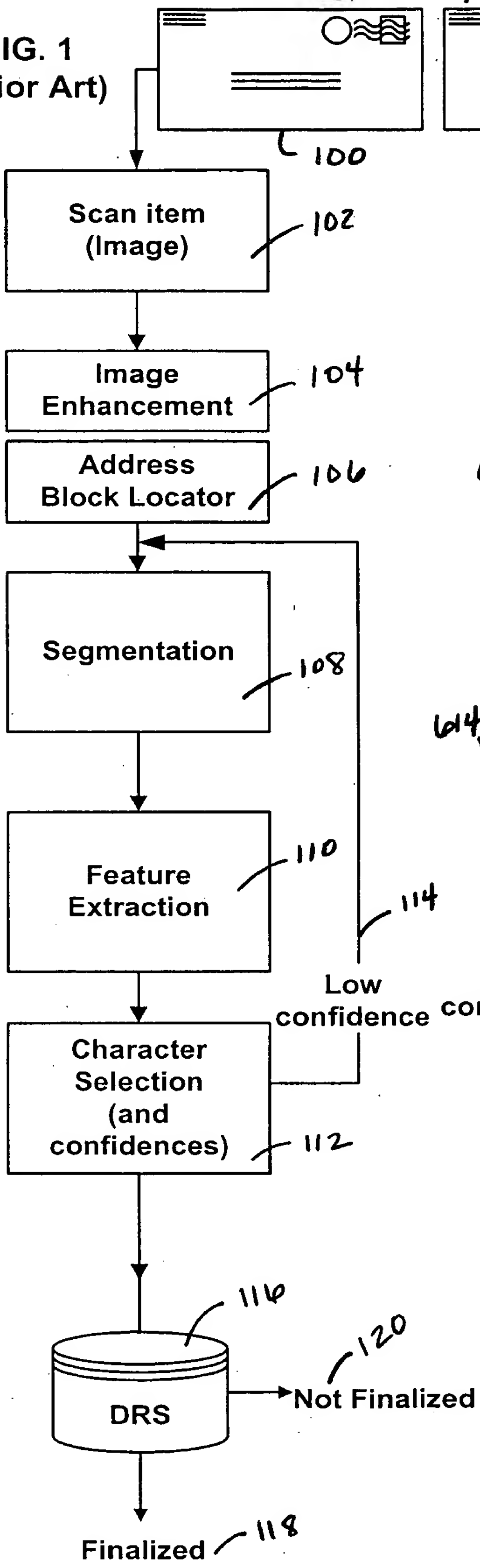
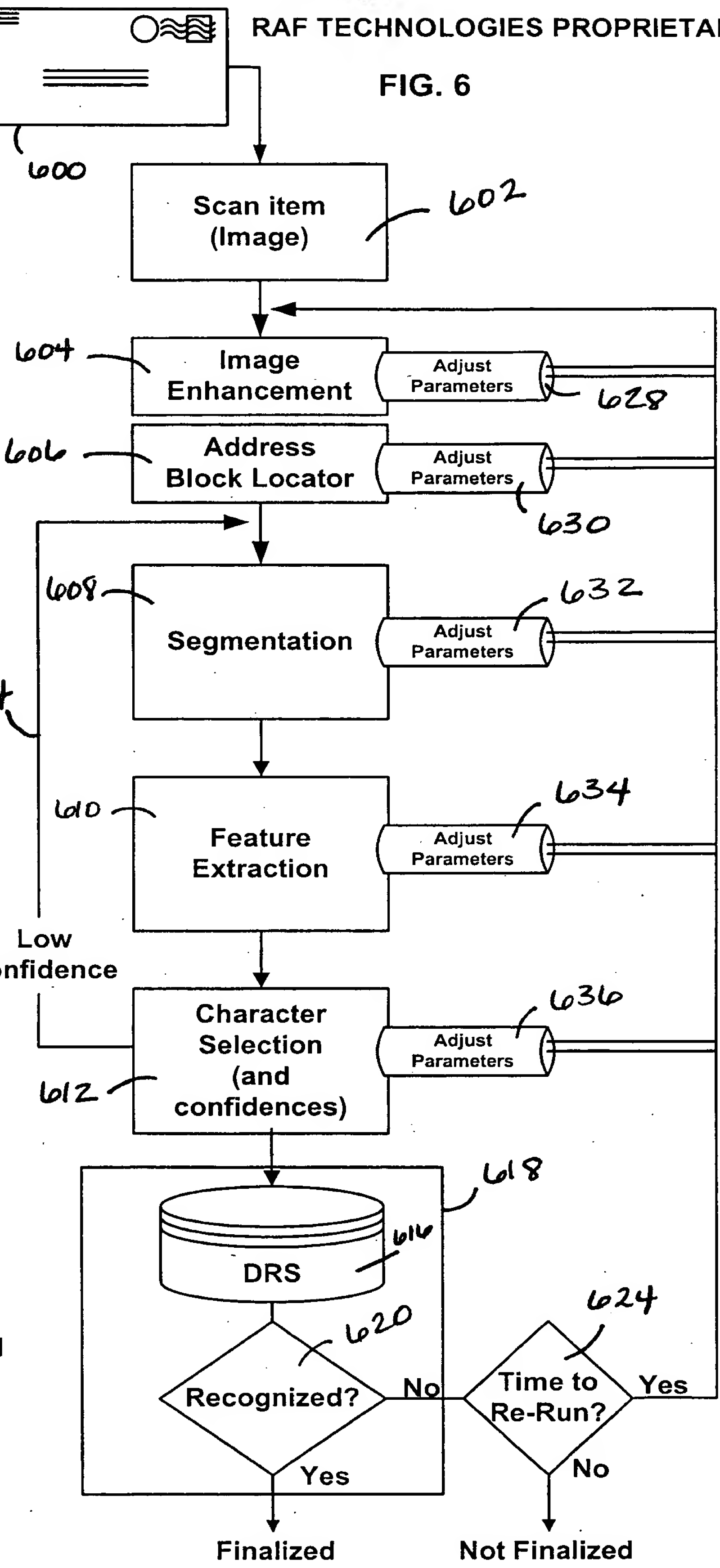


FIG. 6



CONFIDENTIAL

Copyright RAF Technology, 2000, all rights reserved.

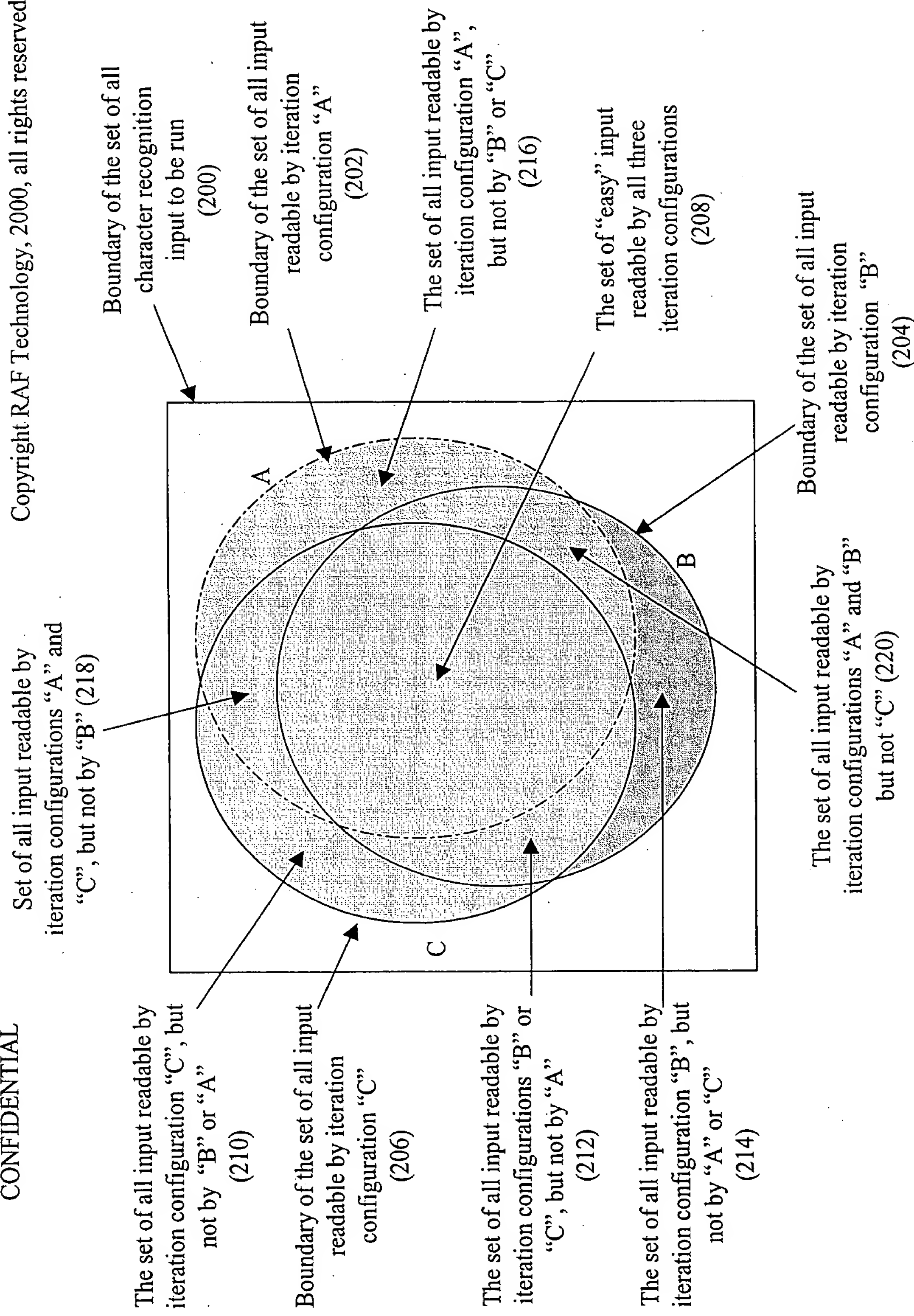


FIG. 2 – Demonstrating orthogonality of multiple iteration configurations for character recognition

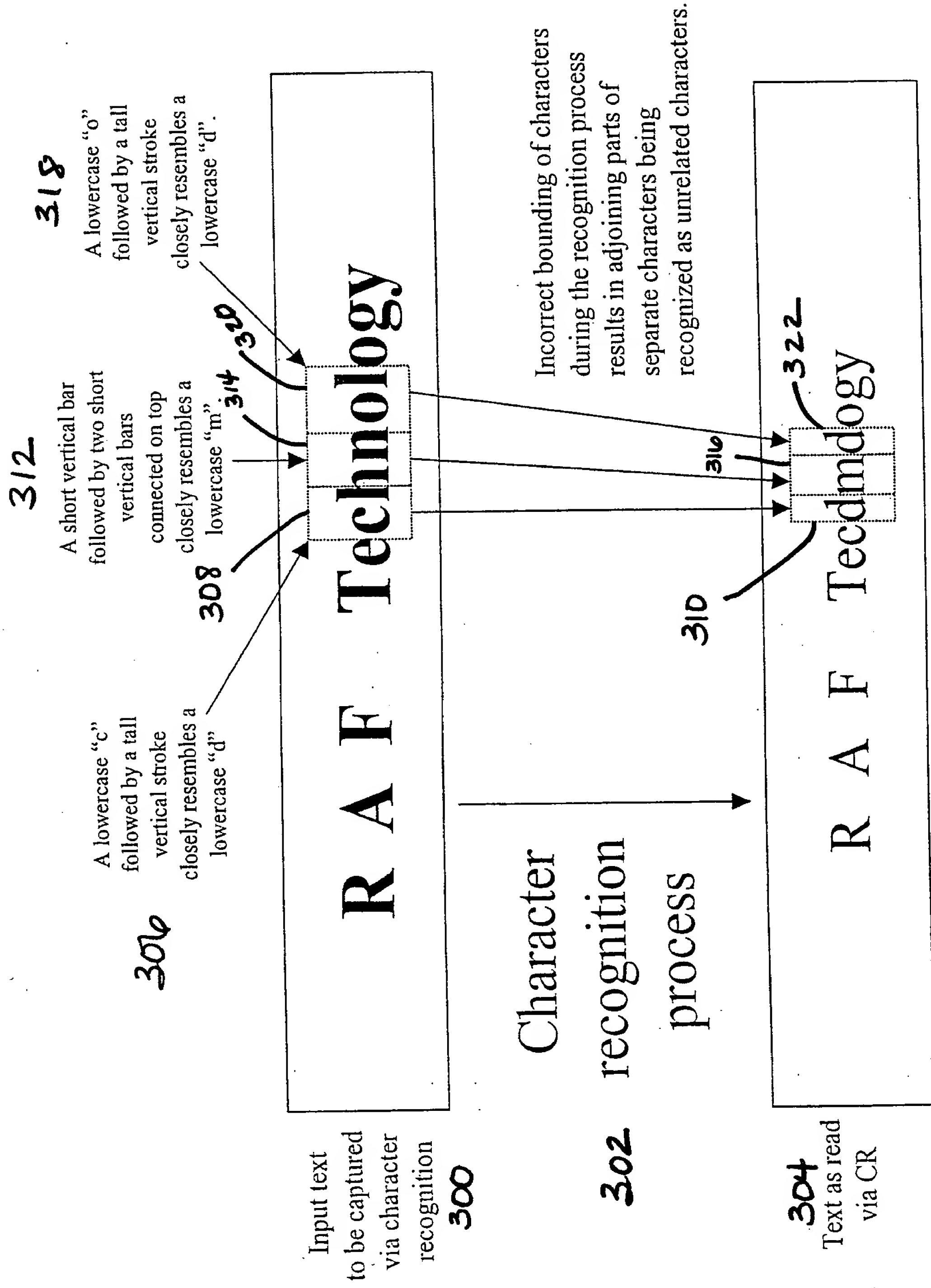


FIG. 3 – Demonstrating problems caused in character recognition results by splitting and joining of characters

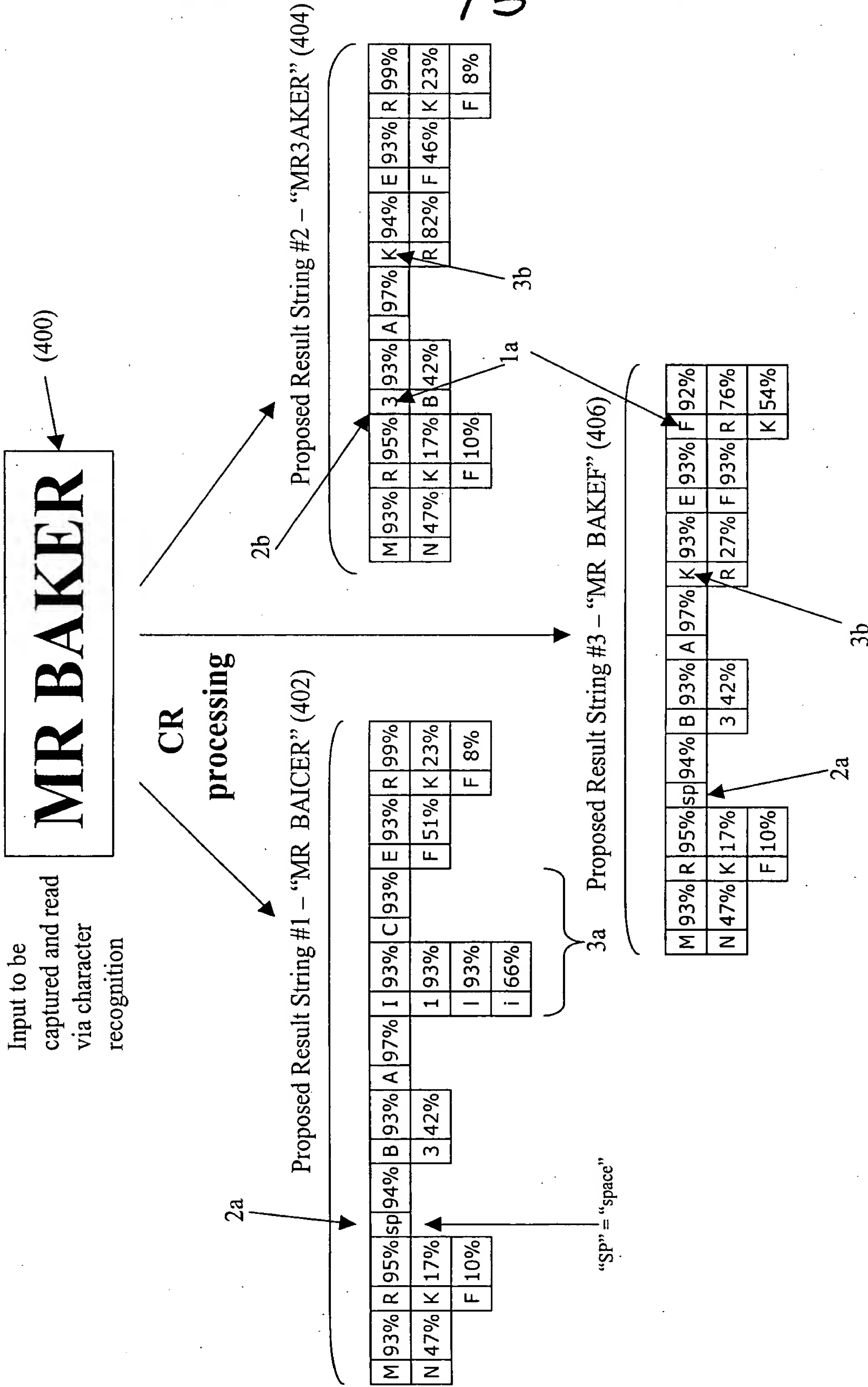


FIG. 4 – Demonstrating multiple results sets produced by multiple iterations of a self-orthogonal character recognition engine

Iteration #1 – “MR BAICER” (1 error) (402)	M	R	␣	B	A	I	C	E	R	Invalid in DRS (502)
Iteration #2 – “MR3AKER” (2 errors) (404)	M	R	⬢	3	A	K	⬢	E	R	Invalid in DRS (504)
Iteration #3 – “MR BAKEF” (1 error) (406)	M	R	␣	B	A	K	⬢	E	F	Invalid in DRS (506)
Iteration #4 (RESULT) – “MR BAKER” (no errors) (508)	M	R	␣	B	A	K	⬢	E	R	Valid in DRS (510)

5 / 5

␣ Means “space”

⬢ Means “no character here”

FIG. 5 – Demonstrating multiple iterations until a valid result string is achieved